

Application Serial No. 10/562,935  
Response

PATENT  
Docket: CU-4618

Amendments to the Abstract

Marked up Version

The following marked-up version of the amended Abstract is attached hereto to aid the examiner in identifying the changes:

A method for improving adsorption-absorption of amino acids in a vertebrate, ~~including mammal and bird, is included. The method comprisescomprising~~ administering to a vertebrate, ~~including mammal and bird,~~ in a sufficient amount and/or at a sufficient rate to enable a desired effect on amino acids absorption, alpha-ketoglutarate (AKG), AKG derivates or metabolites, AKG analogues or mixtures thereof. Also contemplated is a method for decreasing adsorption of glucose in a vertebrate, including mammal and bird, comprising administering to the vertebrate, including mammal and bird, in the need thereof, AKG, AKG derivates or metabolites, AKG analogues or mixtures thereof, for decreasing glucose adsorption as well as compositions for use in treatment.